

Title (en)

RECOMBINANT NEWCASTLE DISEASE VIRUS EXPRESSING H5 HEMAGGLUTININ OF AVIAN INFLUENZA VIRUS

Title (de)

REKOMBINANTES NEWCASTLE-KRANKHEIT-VIRUS, DAS H5-HEMAGGLUTININ DES VOGELGRIPPENVIRUS EXPRIMIERT

Title (fr)

VIRUS RECOMBINANT DE LA MALADIE DE NEWCASTLE EXPRIMANT L'HÉMAGGLUTININE H5 DU VIRUS DE LA GRIPPE AVIAIRE

Publication

EP 1996610 A1 20081203 (EN)

Application

EP 07726920 A 20070315

Priority

- EP 2007052429 W 20070315
- EP 06111222 A 20060315
- US 78319306 P 20060315
- EP 07726920 A 20070315

Abstract (en)

[origin: WO2007104782A1] The present invention provides a method to produce a recombinant Mononegavirales virus vector harbouring an additional transcription unit comprising a foreign gene operatively linked with an upstream Mononegavirales virus gene start (GS) sequence and a downstream Mononegavirales virus gene end (GE) sequence, characterized in that the foreign gene sequence encodes a protein, which protein contains a stretch of at least three basic amino acids and the nucleotide sequence of the codons encoding these amino acids does not contain a sequence that can be recognized by the viral polymerase of the Mononegavirales virus as a gene end (GE) sequence.

IPC 8 full level

C07K 14/11 (2006.01); **C12N 15/86** (2006.01)

CPC (source: EP KR US)

A61K 39/12 (2013.01 - EP US); **A61K 39/145** (2013.01 - EP US); **A61P 31/16** (2017.12 - EP); **C07K 14/00** (2013.01 - KR); **C07K 14/005** (2013.01 - EP US); **C07K 14/11** (2013.01 - KR); **C12N 15/86** (2013.01 - EP KR US); **A61K 2039/5256** (2013.01 - EP US); **A61K 2039/543** (2013.01 - EP US); **C12N 2760/16122** (2013.01 - EP US); **C12N 2760/16134** (2013.01 - EP US); **C12N 2760/16171** (2013.01 - EP US); **C12N 2760/18134** (2013.01 - EP US); **C12N 2760/18143** (2013.01 - EP US)

Citation (search report)

See references of WO 2007104782A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007104782 A1 20070920; AU 2007224430 A1 20070920; CA 2638975 A1 20070920; EP 1996610 A1 20081203; JP 2009529861 A 20090827; KR 20090007706 A 20090120; MX 2008011728 A 20081210; US 2010008945 A1 20100114

DOCDB simple family (application)

EP 2007052429 W 20070315; AU 2007224430 A 20070315; CA 2638975 A 20070315; EP 07726920 A 20070315; JP 2008558819 A 20070315; KR 20087025223 A 20081015; MX 2008011728 A 20070315; US 29303507 A 20070315